

IS 2552 : 1989 Steel Drums (Galvanized and Ungalvanized) – Specification

Steel drums are some of the most versatile and robust containers in popular usage throughout many industrial and commercial sectors across the world. Steel drums have a number of common uses, and work well for long-term storage and transport. The major benefits of using steel drums includes their versatility, robustness, reusability, cost-effectiveness, transportability and storability.

IS 2552 : 1989 specifies the requirements for mild steel (galvanized and ungalvanized) drums with fixed ends of nominal capacity ranging from 3 to 150 litres. This standard specifies 13 sizes of drums with their nominal capacities between 3 to 150 litres and internal diameter ranging from 200 mm to 480 mm.

The steel drums are designated by the nominal capacity and Grade A1, A2, B1, B2 and C depending upon the metal sheet thickness and manufacture. Drums of Grade A1 and A2 are recommended for packing petroleum products and other highly inflammable materials with flash point below 24.5°C. Drums of Grade B1 and B2 are recommended for packing less inflammable materials with flash point above 24.5°C. Drums of Grade C are meant for packing materials of non-toxic, non-poisonous and non-hazardous nature with flash point above 30°C.

The ISS also prescribes the material, thickness, construction, finish, testing, sampling, marking and the information to be supplied by purchaser when ordering.